

Dampness, Condensation and Mould in Buildings

Run by Graham Coleman. Starts at 9.30am and finishes at around 4.00pm.

Course Content

Sources of water in Buildings

- Importance of identification
- Features of the sources

Distribution of water in materials

Methods of measuring and assessing moisture

- Electrical moisture meters –types, use and interpretation of results
- Carbide ('Speedy') meter - use
- Gravimetric methods and case studies
- Environmental moisture

Contaminant salts found in buildings

- Origin and effects (hygroscopic/efflorescent)
- Specific salts in building materials and associated problems

Rising damp:

- Presence and features/heights of rise
- Remedial damp-proof courses – types and performance
- Control of rising damp and replastering

Condensation

- Condensation -v- other sources of dampness
- Understanding relative humidity, vapour pressure and environmental moisture
- Water vapour in buildings and its origin.
- 'Dry', 'moist' and 'wet' occupancies (BS5250:2002 including case studies)
- Use of relative humidity in environmental assessments

Mould growth

- Biology of mould
- 'Toxic' moulds fact and fiction

Measuring environmental moisture

- Hygrometers, surface temperatures, data loggers
- Understanding data

Assessment of collected data - Case studies.

Interstitial condensation

Control of condensation

Practical session: Assessment of environmental moisture: Use of hygrometers, surface temperature thermometers, determination of the environment, how to assess and interpret recorded data.

Booking Form

Please reserve places on the Dampness, Condensation and Mould in Buildings course to be

held at Horsham on: Fee: £.....

Name: Company:

Address:

..... Tel:

Please make cheques payable to '**RTS**' and return them to:
Remedial Technical Services, 14 Mill Rise, Bourton, Nr Gillingham, Dorset. SP8 5DH.
For further information please ring Graham Coleman on **01747 840715**